Disaggregation Summary Report

Test Date: 09/15/08

ISTEP+
INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS

State: INDIANA

Grade: 4

Purpose

This report describes group achievement for selected reporting populations.



	Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N %	Did Not N	Pass %	Undeter N	mined %	Mean/Median Scale Score	Standard Deviation
All Students	78094	7781	10	49411	63	57192 73	20470	26	432	1	461.1/462.7	59.5
General Education												
TOTAL General Education	65338	7335	11	44265	68	51600 79	13420	21	318	0	469.7/468.8	53.8
Special Education												
With accommodations	7551	54	1	1893	25	1947 26	5508	73	96	1	390.2/393.5	60.4
Without accommodations	5205	392	8	3253	62	3645 70	1542	30	18	0	454.6/456.6	58.0
TOTAL Special Education	12756	446	3	5146	40	5592 44	7050	55	114	1	416.6/419.3	67.4
Limited English Proficiency												
With accommodations	0.400	47		000	0.0	OFF OR	4460	E0.	0.4	•	444.0/447.4	FC 0
Without accommodations	2496	17 54	1 3	938	38 61	955 38 1062 64	1460	58	81	3 4	411.8/417.4	56.9
TOTAL Limited English Proficiency	1662 4158	71	2	1008 1946	47	1062 64 2017 49	531 1991	32 48	69 150	4	444.4/446.6 424.7/428.8	51.2 57.0
TOTAL Limited English Proficiency	4130	11	2	1940	41	2017 49	1991	40	130	4	424.1/420.0	37.0
Non-Limited English Proficiency												
With accommodations	7521	67	1	1999	27	2066 27	5359	71	96	1	392.7/395.8	60.8
Without accommodations	66415	7643	12	45466	68	53109 80	13120	20	186	0	470.9/470.1	53.3
TOTAL Non-Limited English Proficien	су 73936	7710	10	47465	64	55175 75	18479	25	282	0	463.0/464.5	59.0
Gender												
Male	39793	2629	7	24580	62	27209 68	12316	31	268	1	451.5/455.2	58.5
Female	38187	5149	13	24784	65	29933 78	8099	21	155	Ö	471.1/471.1	58.9
No valid information	114	3	3	47	41	50 44	55	48	9	8	425.8/426.7	60.9
SES												
Paid lunch	43116	6366	15	29356	68	35722 83	7252	17	142	0	477.6/478.2	56.3
Free or reduced lunch	34768	1407	4	19956	57	21363 61	13128	38	277	1	440.7/444.1	57.0
No valid information	210	8	4	99	47	107 51	90	43	13	6	429.1/433.3	59.5
Ethnicity												
American Indian or Alaska Native	210	19	9	133	63	152 72	58	28	0	0	455.8/458.7	57.5
Black (Not of Hispanic Origin)	9689	300	3	5054	52	5354 55	31	44	48	0	433.0/435.0	55.3
Asian or Pacific Islander	1211	252	21	694	57	946 78	190	16	75	6	484.1/486.7	70.0
Hispanic	5644	192	3	3097	55	3289 58	63	40	77	1	436.4/439.2	56.8
White (Not of Hispanic Origin)	57514	6747	12	38062	66	44809 78	12504	22	201	Ö	468.2/469.8	58.3
Multiracial	3635	266	7	2277	63	2543 70	41	29	20	1	454.6/456.2	56.2
No valid information	191	5	3	94	49	99 52	81	42	11	6	430.0/432.7	55.3
Migrant	8	***	***	***	***	TTT TTT	***	***	***	***	***/***	***

The cut score at Pass is 429. The cut score at Pass+ is 532. The Lowest/Highest Scale Score Possible for English/language arts is 110/700. Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

*** Value not computed for fewer than 10 students

Disaggregation Summary Report

Test Date: 09/15/08

ISTEP+
INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS

State: INDIANA

Grade: 4

Purpose

This report describes group achievement for selected reporting populations.



Mathematics	Total Number of Students	Pass+ N	%	Pass N	%	Total Pa N	ssing %	Did Not N	Pass %	Undeter N	mined %	Mean/Median Scale Score	Standard Deviation
All Students	78094	11399	15	45570	58	56969	73	20899	27	226	0	447.6/450.6	64.7
General Education													
TOTAL General Education	65338	10454	16	39915	61	50369	77	14830	23	139	0	454.6/455.7	59.6
Special Education													
With accommodations	7437	229	3	2613	35	2842	38	4527	61	68	1	388.0/394.7	75.3
Without accommodations	5319	716	13	3042	57	3758	71	1542	29	19	0	443.4/446.3	66.0
TOTAL Special Education	12756	945	7	5655	44	6600	52	6069	48	87	1	411.1/418.2	76.6
Limited English Proficiency													
With accommodations	2517	97	4	1199	48	1296	51	1214	48	7	0	409.9/416.4	68.8
Without accommodations	1641	175	11	959	58	1134	69	501	31	6	0	437.7/443.1	64.2
TOTAL Limited English Proficiency	4158	272	7	2158	52	2430	58	1715	41	13	0	420.8/427.7	68.4
Non-Limited English Proficiency													
With accommodations	7411	244	3	2669	36	2913	39	4429	60	69	1	390.0/396.7	75.2
Without accommodations	66525	10883	16	40743	61	51626	78	14755	22	144	0	455.6/456.5	59.3
TOTAL Non-Limited English Proficien	су 73936	11127	15	43412	59	54539	74	19184	26	213	0	449.1/451.9	64.1
Gender													
Male	39793	6245	16	22876	57	29121	73	10534	26	138	0	448.5/451.8	66.6
Female	38187	5145	13	22652	59	27797	73	10307	27	83	0	446.7/449.4	62.5
No valid information	114	9	8	42	37	51	45	58	51	5	4	409.2/411.3	78.6
SES													
Paid lunch	43116	8654	20	26458	61	35112	81	7926	18	78	0	463.0/464.2	60.8
Free or reduced lunch	34768	2734	8	19027	55	21761	63	12866	37	141	0	428.5/433.0	64.1
No valid information	210	11	5	85	40	96	46	107	51	7	3	408.4/412.0	72.7
Ethnicity													
American Indian or Alaska Native	210	25	12	118	56	143	68	66	31	1	0	438.9/440.7	65.4
Black (Not of Hispanic Origin)	9689	569	6	4751	49	5320	55	4322	45	47	0	417.0/421.9	66.5
Asian or Pacific Islander	1211	404	33	612	51	1016	84	193	16	2	0	475.3/482.3	83.6
Hispanic	5644	444	8	3113	55	3557	63	2076	37	11	0	429.6/434.3	63.9
White (Not of Hispanic Origin)	57514	9525	17	34850	61	44375	77	12993	23	146	0	454.6/456.6	61.9
Multiracial	3635	425	12	2043	56	2468	68	1154	32	13	0	438.8/442.6	64.3
No valid information	191	7	4	83	43	90	47	95	50	6	3	410.2/412.7	67.5
Migrant	8	***	***	***	***	***	***	***	***	***	***	***/***	***

The cut score at Pass is 415. The cut score at Pass+ is 510.

The Lowest/Highest Scale Score Possible for mathematics is 140/670.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%

*** Value not computed for fewer than 10 students

ISTEP+ INDIANA STATEWIDE TESTING FOR EDUCATIONAL PROGRESS

Group Academic Standards Summary

State:	IND	IAN	Α
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Grade: 4

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 78094

Test Date: 09/15/08

Indiana Performance Index (IPI)	State	Summ	ary	,	,,		
The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score. MC: Multiple-choice items OE: Open-ended items ** : Expected IPI for a student at the	Points Possible	at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery
passing cut score	Poi	₫	ŏ ∑	ŏ ∑	⊟	Z D	P. Q.
English/language arts 1. Reading Vocabulary(MC) 2. Reading Comp.(MC,OE) 3. Lit Response & Analysis(MC,OE) 4. Writing Process(MC) 5. Writing Applications(OE) 6. Lang. Conventions(MC,OE) *Number of Students: 77662	11 18 15 9 10	73 62 72 59 57 73	8.7 12.8 11.6 6.3 6.3 10.4	79.3 71.3 77.7 70.6 63.2 78.9	6.3 9.3 5.7 11.6 6.2 5.9	57400 57315 57046 57500 57237 57131	74 74 73 74 74 74
Mathematics 1. Number Sense(MC,OE) 2. Computation(MC,OE) 3. Algebra & Functions(MC,OE) 4. Geometry(MC,OE) 5. Measurement(MC,OE) 6. Problem Solving(OE) *Number of Students: 77868	14 13 11 11 12	59 61 52 57 56 18	9.4 9.4 7.2 7.5 7.9 3.6	67.4 71.9 65.3 67.8 65.8 34.1	8.4 10.9 13.3 10.8 9.8 16.1	56125 56693 56275 55425 56414 56363	72 73 72 71 72 72

^{*} Number of students that completed all tests in the content area. • Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

ISTEP+ INDIANA STATEWIDE TESTING FOR EDUCATIONAL PROGRESS

Applied Skills Frequency Distribution

State: II	NDIANA
Grade:	4

Purpose
This report provides a frequency of points obtained by Applied Skills items.



Test Date: 09/15/08		

E/la		Total Number	0 Points Obtained	1 Point Obtained	2 Points Obtained	3 Points Obtained	4 Points Obtained	5 Points Obtained	6 Points Obtained
Item # - Test #	Poss	of Stdnts	N %	N %	N %	N %	N %	N %	N %
Writing Applications 1a-3-Writing Applications 15a-4-Writing Applications	6 4	78094 78094		2532 3 3165 4	10226 13 19019 24	22935 29 32178 41	28895 37 21140 27	9337 12	2872 4
Lang. Conventions	•	•			•	•	•	•	
1b-3-Lang: Conventions 15b-4-Lang. Conventions	4 4	78094 78094		2850 4 3322 4	8756 11 19743 25	23535 30 32849 42	42525 54 20509 26		
Reading Comp. 3-4-Reading Comp. 6-4-Reading Comp. 14-4-Reading Comp.	2 2 2	78094 78094 78094	12364 16 21705 28 10774 14	3172 4 31779 41 16952 22	60770 78 22671 29 47583 61				
Lit Response & Analysis 12-4-Lit Response & Analysis	2	78094	6102 8	10836 14	59407 76				
Math		Total Number	0 Points Obtained	1 Point Obtained	2 Points Obtained	3 Points Obtained	4 Points Obtained	5 Points Obtained	6 Points Obtained
Item # - Test #	Poss	of Stdnts	N %	N %	N %	N %	N %	N %	N %
Number Sense 1-7-Number Sense	:	70.00/	702E F	25169 70	: : x002x	:	<u>:</u>	:	
2-8-Number Sense	2 2	78094 78094	3865 5 19503 25	25148 32 25751 33	48864 63 32426 42	:	:	:	
4-8-Number Sense	2	78094	13917 18	53802 69	9856 13	<u> </u>	<u> </u>	•	
Problem Solving									
2-7-Problem Solving	2	78094	56911 73	3245 4	17585 23				
4-7-Problem Solving	2	78094	36868 47	32606 42	7695 10			İ	
6-7-Problem Solving 3-8-Problem Solving	2	78094	51768 66	3004 4	22522 29		<u>:</u>	•	
5-8-Problem Solving	3 2	78094 78094	49592 64 36104 46	6566 8 3995 5	4568 6 37677 48	16882 22	•	:	
							i	İ	
Geometry 3-7-Geometry	2	78094	4449 6	30329 39	43071 55				
Algebra & Functions							İ	İ	
5-7-Algebra & Functions	2	78094	32063 41	24253 31	21332 27		i		
Computation	:				:	:	:	:	
1-8-Computation	2	78094	24417 31	7648 10	45748 59	<u>:</u>	<u>:</u>	:	
Measurement 6-8-Measurement	2	78094	6007 8	12192 16	59520 76				
	•	•			:	!	:	:	
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A Message from Dr. Suellen Reed

Dear Teachers and Administrators.

The ISTEP + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help the evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the ISTEP + assessment.

Sincerely.

Suellen Reed

Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

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Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by ISTEP + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

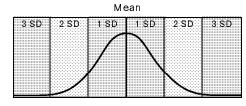
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Standard Deviation

ISTEP + INDIANA STATEWIDE TESTING FOR EDUCATIONAL PROGRESS

Applied Skills Frequency Distribution

State: II	NDIANA
Grade:	4

Purpose

This report provides a frequency of condition codes obtained by Applied Skills items.



Test Date: 09/15/08		

E/la	Total				Code B			Condition C	ode D		Code E	lnvalid / O	mitted
tem # - Test #		Blank Resp		Illegible N	%	Non - Engl		Insufficient N	%	Off Topic N	%	Test N	%
Writing Applications	:	: IN	/0	IN	/0	N	/0	: 11	/0	: 11	/0	: 11	/0
1a-3-Writing Applications	78094	0	0	91	0	11	0	47	0	869	1	279	0
15a-4-Writing Applications	78094	1271	2	67	0	9	0	92	0	921	1	232	0
Lang. Conventions	78094	0	0	91	0	11	0	47	0	0	0	279	0
1b-3-Lang. Conventions 15b-4-Lang. Conventions	78094	1271	2	67	0	9	0	92	0	0	0	232	0
130-4-Lang. Conventions		: 12,1	_					,_				232	
Reading Comp												\$1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	
3-4-Reading Comp.	78094	1246	2	8	0	1	0	297	0	4	0	232	0
6-4-Reading Comp.	78094	1580	2	13	0	3	0	103	0	8	0	232	0
14-4-Reading Comp	78094	2517	3	18	0	3	0	7	6	8	0	232	0
Lit Response & Analysis		: •											
12-4-Lit Response & Analysis	78094	1403	2	59	0	2	0	19	0	34	0	232	0
,													
		: : ::::::::::::::::::::::::::::::::								•			
		•											
	<u>.</u>	•								:			
	:	<u>.</u>						•		•		•	
Math	Total	Condition C	ode A	Condition	Code B	Condition (Code C	Condition C	ode D			Invalid / O	mitted
	Number of	Blank Resp	onse	Illegible		Non - Engl	ish	Insufficient				Test	
Item # - Test #	Students	N	%	N	%	N	%	N	%	:		N	%
Number Sense	.	:						• •		: •		: •	
1-7-Number Sense	78094	78	0	0	0	0	0	0	0			139	0
2-8-Number Sense	78094	244 342	0	0 2	0	0	0	0 5	0	• •		170 170	0
4-8-Number Sense	78094	34.6	U	4	u	•	u	:	0	:		:	0
Problem Solving													
2-7-Problem Solving	78094	214	0	0	0	0	0	0	0	•		139	0
4-7-Problem Solving	78094	775	1	4	0	1	0	6	0			139	0
6-7-Problem Solving	78094	658	1	0	0	0	0	3	0			139	0
3-8-Problem Solving	78094	314	0	0	0	0	0	2	0			170	0
5-8-Problem Solving	78094	145	0	0	0	0	0	3	0		2000000000000	170	0
Geometry		:						:					
3-7-Geometry	78094	87	0	3	0	4	0	12	0	•		139	0
		•											
Algebra & Functions	•									.			
5-7-Algebra & Functions	78094	306	0	1	0	0	0	0	0			139	
Computation								•		•			
Computation 1-8-Computation	78094	109	0	2	0	0	0	0	0			170	0
. s comparation								•		•			
Measurement		•											
6-8-Measurement	78094	197	0	0		0	0	8	0	•		170	0
										•		•	
										<u>.</u>			
	:	•				:		:		:		•	

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Suellen Reed

Superintendent of Public Instruction

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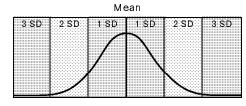
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Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Standard Deviation



State Proficiency Performance Summary

State: INDIANA

Grade: 4

Purpose

This report provides the number and percent of students in each performance category.



Test Date: 09/15/08

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS				
Mathematics Pass+	4436 Students Pass + in E/la and 6% Math	6854 Students Pass in E/la and Pass+ in Math	90 Students Did Not Pass in E/la and Pass+ in Math	19 Students Undetermined in E/la and Pass+ in Math	11399 Students Pass+ in Math				
Mathematics Pass	3312 Students Pass+ in E/la and Pass in 4% Math	35860 Students Pass in E/la and Math	6286 Students Did Not Pass in E/la and Pass in .8.7. Math	112 Students Undetermined in E/la and Pass in Math	58% 45570 Students Pass in Math				
Mathematics Did Not Pass	30 Students Pass+ in E/la and Did Not Pass in Math	6639 Students Pass in E/la and Did Not Pass 9% in Math	14024 Students Did Not Pass in E/la and Math	206 Students Undetermined in E/la and Did Not Pass in Math	20899 Students 277 Did Not Pass in Math				
Mathematics Undetermined	3 Students Pass+ in E/la and Undetermined 0%_ in Math	58 Students Pass in E/la and Undetermined 0%	70 Students Did Not Pass in E/la and Undetermined 0%	95 Students Undetermined in E/la and OZ	226 Students Undetermined in Math				
English/ language arts TOTALS	7781 Students Pass+ in 10% E/la	63% 49411 Students Pass in E/la	20470 Students Did Not Pass in E/la	432 Students Undetermine in E/la	Summary of Student Counts Total Grade Count 78094 Students with Complete Tests 77531 Students with Undetermined Scores E/la Only 337 Math Only 131 Both 95				
0			English/language arts	N. (B	Mathematics				
Summary of Sco	res E/la	Math Pass+	Pass Did	Not Pass Pass+	Pass Did Not Pass				

			English/language arts					Mathematics						
Summary of Scores	E/la	Math	Pass+		Pass		Did Not Pass		Pass+		Pass		Did Not Pass	
Mean Scale Score	461.1	447.6	MSS:	562.8	MSS:	475.3	MSS:	388.1	MSS:	542.6	MSS:	459.9	MSS:	368.7
Pass Cut Score	429	415	SD:	31.1	SD:	27.4	SD:	38.9	SD:	31.5	SD:	25.9	SD:	45.8
Pass + Cut Score	532	510	L/H Obt:	532-700	L/H Obt:	429-531	L/H Obt:	110-428	L/H/Obt:	510-670	L/H/Obt:	415-509	L/H/Obt:	140-414
Standard Deviation	59.5	64.7	L/H Range:	532-700	L/H Range:	429-531	L/H Range:	110-428	L∕H Range:	510-670	L/H Range:	415-509	L/H Range:	140-414
Lowest/Highest Scale Score Obtained	110-700	140-670	7781 Students Pass+		49411 Students Pass		20470 Students Did Not Pass		11399 Students Pass+		45570 Students Pass		20899 Students Did Not Pass	
Lowest/Highest Scale Score Possible	110-700	140-670												

MSS: Mean Scale Score SD: Standard Deviation Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100 % .

L/H Obt: Lowest/Highest Scale Score Obtained

L/H Range: Lowest/Highest Scale Score Range of Proficiency Level

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Dear Teachers and Administrators.

The ISTEP + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help the evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the ISTEP + assessment.

Sincerely.

Suellen Reed

Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass+, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass + Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.

Pass Meets the passing standard.

Did Not Pass Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by ISTEP + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

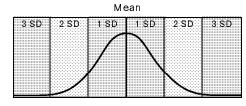
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Standard Deviation